# **JOSH'S HOUSE**

MONITORING SYSTEM DESIGN

SCHEMATIC DESIGN ONLY REFER TO GENERAL NOTES, COMPLIANCE & INSTALLATION INSTRUCTIONS.

## **GENERAL NOTES**

- DRAWINGS TO BE READ IN CONJUNCTION WITH ALL OTHER PROJECT, ARCHITECT, ENGINEERS & MANUFACTURERS DOCUMENTATION.
- ALL SERVICE LINEWORK & ARRANGEMENTS ARE INDICATIVE ONLY & TO BE CONFIRMED ON SITE.
- PRODUCTS TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

### DRAWING SHEET LIST

MSD-001 COVER PAGE & MONITORING SYSTEM DESIGN

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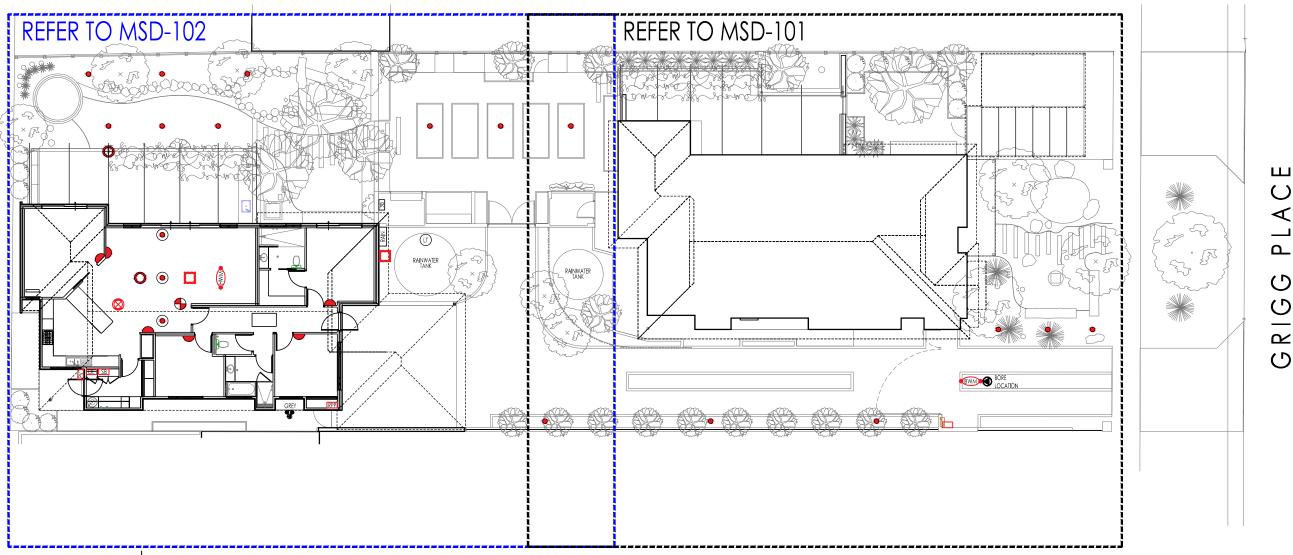
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30/06/2014

**OVERALL SITE PLAN** 

MSD-101 MONITORING SYSTEM DESIGN - UNIT 1 MSD-102 MONITORING SYSTEM DESIGN - UNIT 2 MSD-103 SCHEMATIC SERVICE PLANS - UNIT 2

MSD-104 EQUIPMENT SCHEDULE



AS CONSTRUCTED

NOTE: CHECK ALL DIMENSIONS ON SITE PRIOR TO COMMENCING WORK, WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE, ALL DRAWINGS TO BE READ IN CONJUNCTION WITH MANUFACTURERS AND CONSULTANTS DOCUMENTATION AND SPECIFICATION, REPORT ANY DISCREPANCIES TO LANDSCAPE DESIGNER BEFORE PROCEEDING WITH WORK, COPYRIGHT @: THIS DOCUMENT HAS BEEN PREPARED FOR USE BY THE RECEIVING CLIENT ONLY, ALL CONCEPTS, DRAWINGS AND TECHNICAL INFORMATION REMAIN THE PROPERTY ONLY, ALL CONCETTS, DRAWINGS AND LICENSEARCH MINISTRUCTURE TO FOR JOSH BYRNE & ASSOCIATES PTY LITD. THIS DOCUMENT CANNOT BE REPRODUCED OR DISTRIBUTED FOR ANY PURPOSE OTHER THAN FOR CONSTRUCTION PURPOSES OF THE SITE

30/06/2014 AS CONSTRUCTED 06/05/2013 REVISED FOR CONSTRUCTION

02/11/2012 ISSUED FOR CONSTRUCTION DESCRIPTION



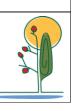
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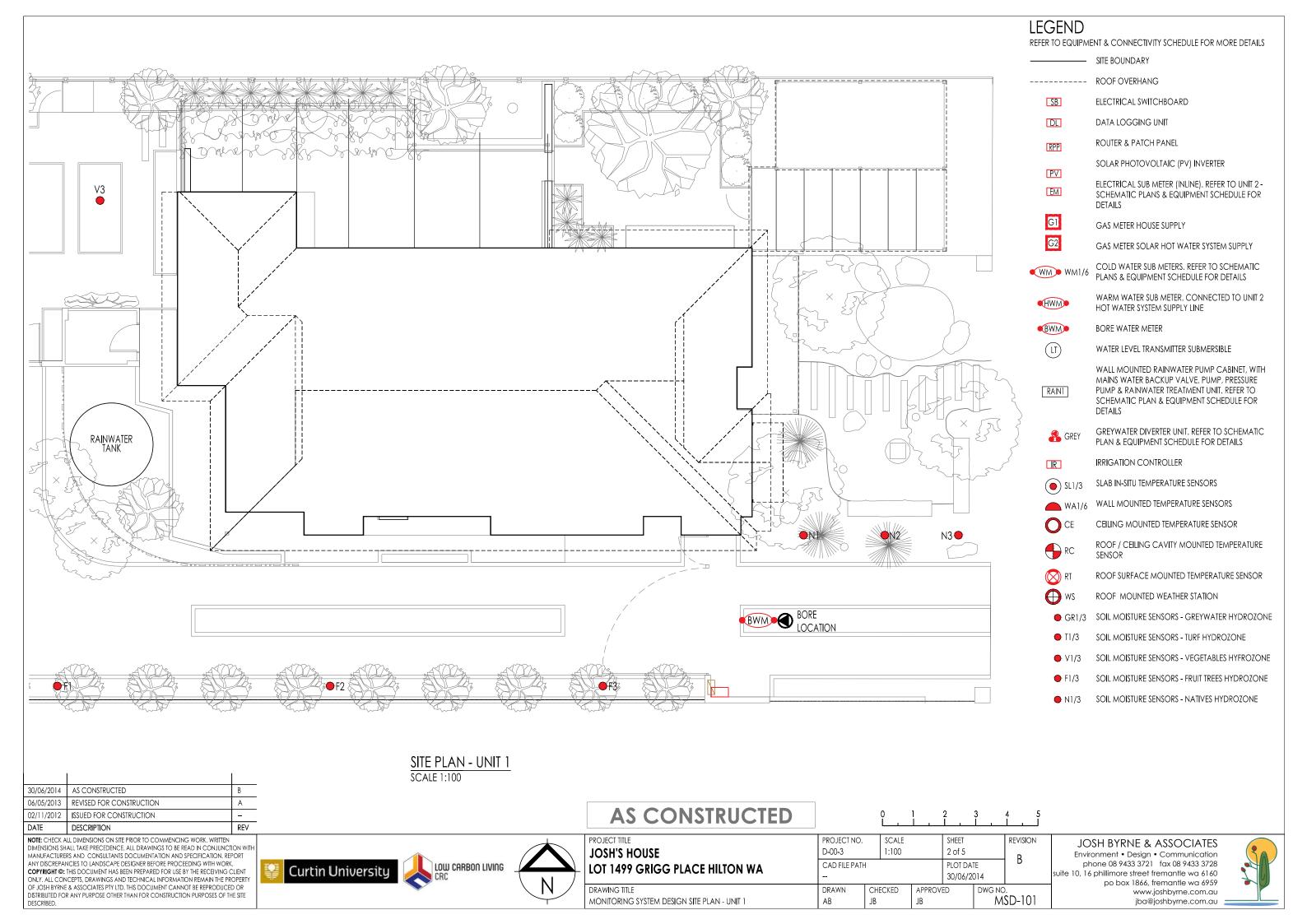


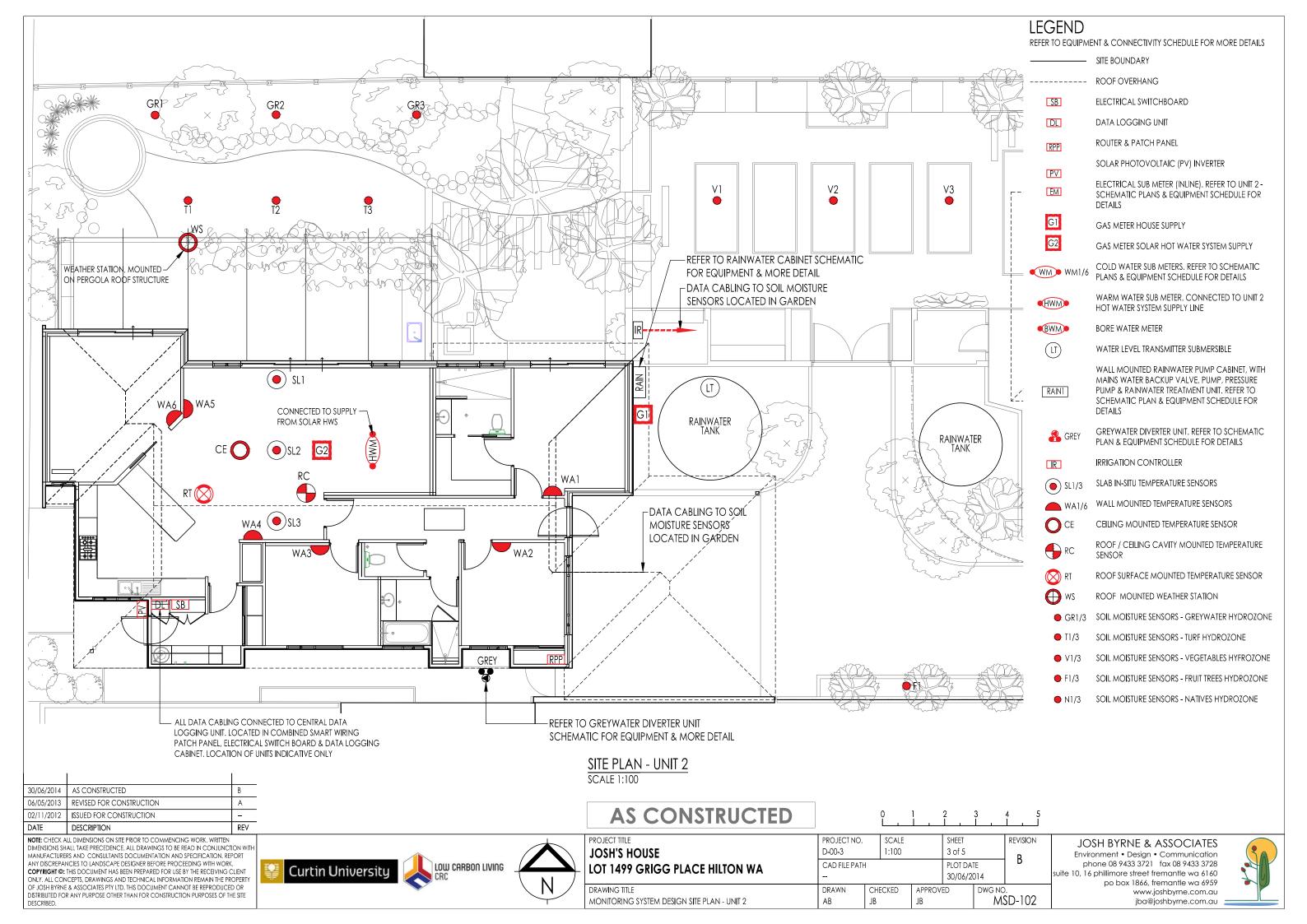


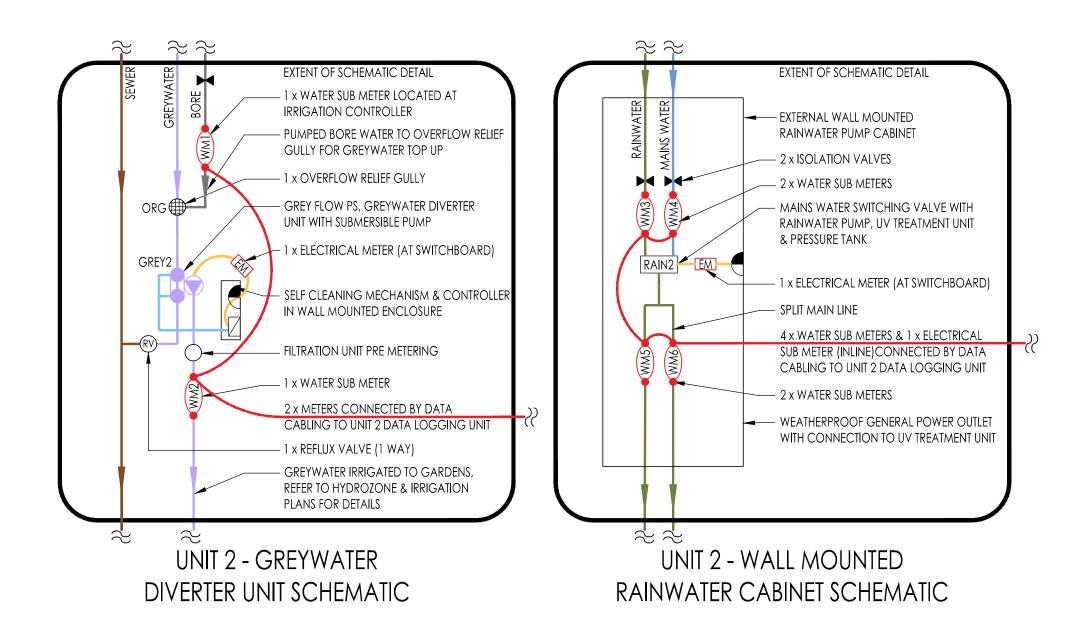
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PROJECT TITLE JOSH'S HOUSE	PROJECT NO. D-00-3			SHEET 1 of 5		REVISION	
LOT 1499 GRIGG PLACE HILTON WA	CAD FILE PATH			PLOT DATE 30/06/2014		l R	
DRAWING TITLE CONTENTS & MONITORING SYSTEM DESIGN OVERALL SITE PLAN	DRAWN AB	CHECKED JB	APPROV JB	APPROVED DWG		SD-001	

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02/11/2012	ISSUED FOR CONSTRUCTION	-
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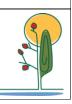
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PROJECT TITLE  JOSH'S HOUSE	PROJECT NO. D-00-3	SCALE N/A		SHEET 3 of 5		REVISION	
LOT 1499 GRIGG PLACE HILTON WA	CAD FILE PATH			PLOT DATE 30/06/2014		В	suit
DRAWING TITLE SCHEMATIC SERVICE PLANS - UNIT 2	DRAWN AB	CHECKED JB	APPROV JB			SD-103	

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	EQUIPMENT SCHEDULE						
QTY	LABEL	ITEM	LOCATION	DESCRIPTION			
1	DL	DATA LOGGING UNIT	LAUNDRY SWICH BOARD CABINET	DATATAKER DT80 DATA LOGGING UNIT WITH CHANNEL EXPANSION MODULE			
1	RPP	ROUTER & PATCH PANEL	BEDROOM 2 CABINET	ROUTER LOCATION & PATCH PANEL			
1	SB	ELECTRICAL SWITCH BOARD	LAUNDRY SWICH BOARD CABINET	ELECTRICAL SWITCH BOARD			
1	Gl	GAS METER	EAST SIDE OF HOUSE - REFER DRAWINGS	AMPY750 VOLUMETRIC GAS METER (HOUSE SUPPLY)			
1	G2	GAS METER	ROOF CAVITY - REFER DRAWINGS	AMPY750 VOLUMETRIC GAS METER (SOLAR HOT WATER SYSTEM SUPPLY)			
11	EM1/11	ELECTRICAL CIRCUIT METERS	ELECTRICAL SWITCH BOARD	11 X LATRONICS KWHR METERS (4 X GPO CIRCUITS; 2 X LIGHTING / FAN CIRCUITS; 1 X OVEN CIRCUIT; 1 X GREYWATER PUMP CIRCUIT, 1 X BORE PUMP CIRCUIT; RAINWATER PUMPCIRCUIT; 1 X PV FEED CIRCUIT)			
1	WSA	RAIN GAUGE	PERGOLA - REFER DRAWINGS	VAISALA WXT520 WEATHER STATION			
1	WSB	WIND SPEED & DIRECTION SENSOR	PERGOLA - REFER DRAWINGS	VAISALA WXT520 WEATHER STATION			
1	WSC	SOLAR RADIATOR SENSOR	PERGOLA - REFER DRAWINGS	VAISALA WXT520 WEATHER STATION			
1	WSD	TEMPERATURE & RELATIVE HUMIDITY SENSORS	PERGOLA - REFER DRAWINGS	VAISALA WXT520 WEATHER STATION			
3	SL1/3	SLAB IN-SITU TEMPERATURE SENSORS	LIVING ROOM - REFER TO DRAWINGS	TCKPP120 20AWG THERMOCOUPLE WIRE, CAST INTO SLAB			
6	WA1/6	WALL TEMPERATURE SENSORS	INTERNAL WALLS - REFER TO DRAWINGS	TCKPP120 20AWG THERMOCOUPLE WIRE			
1	CE	CEILING TEMPERATURE SENSOR	LIVING ROOM - REFER TO DRAWINGS	TCKPP120 20AWG THERMOCOUPLE WIRE			
1	RC	ROOF CAVITY TEMPERATURE SENSOR	ATTIC - REFER TO DRAWINGS	TCKPP120 20AWG THERMOCOUPLE WIRE			
1	RT	ROOF MOUNTED TEMPERATURE SENSOR	ROOF - REFER TO DRAWINGS	TCKPP120 20AWG THERMOCOUPLE WIRE, CONNECTED TO ROOF SHEETING			
3	GR1/3	SOIL MOISTURE SENSORS - GREYWATER HYDROZONE	LANDSCAPE - REFER TO DRAWINGS	DECAGON 10HS CAPACITANCE SOIL MOISTURE PROBES			
3	T1/3	SOIL MOISTURE SENSORS - TURF HYDROZONE	LANDSCAPE - REFER TO DRAWINGS	DECAGON 10HS CAPACITANCE SOIL MOISTURE PROBES			
3	V1/3	SOIL MOISTURE SENSORS - VEGETABLES HYDROZONE	LANDSCAPE - REFER TO DRAWINGS	DECAGON 10HS CAPACITANCE SOIL MOISTURE PROBES			
3	F1/3	SOIL MOISTURE SENSORS - FRUIT TREES HYDROZONE	LANDSCAPE - REFER TO DRAWINGS	DECAGON 10HS CAPACITANCE SOIL MOISTURE PROBES			
6	N1/6	SOIL MOISTURE SENSORS - NATIVE HYDROZONE	LANDSCAPE - REFER TO DRAWINGS	DECAGON 10HS CAPACITANCE SOIL MOISTURE PROBES			
6	WM1/6	COLD WATER METERS	VARIOUS - REFER TO DRAWINGS	20MM ELSTER V100 COLD WATER METERS			
1	BWM BORE WATER METER		DRIVEWAY - REFER DRAWINGS	40MM MT-EX SERIES WATER METER			
1	HWM	HWM HOT WATER METER ROOF CAVITY - REFER TO DRAWING 20MM KENT \$130 WARM WATER METERS		20MM KENT S130 WARM WATER METERS			
1	LT	LEVEL TRANSMITTER (TANK)	TANK - REFER TO DRAWINGS	MERCOID SERIES SBLT2 SUBMERSIBLE LEVEL TRANSMITTERS			
30/06/2014 06/05/2013	AS CONSTRUCTED  REVISED FOR CONSTRU			CONSTRUCTED 0 1 2 3 4 5			

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DRAWING TITLE
JOSH'S HOUSE LOT 1499 GRIGG PLACE HILTON WA
PROJECT TITLE

EQUIPMENT SCHEDULE

PROJECT NO. SCALE SHEET REVISION D-00-3 N/A 4 of 5 CAD FILE PATH PLOT DATE 30/06/2014 DWG NO. MSD-104 DRAWN CHECKED APPROVED

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